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J1050 U.S. PTO

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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

ISP0086

First Inventor

Hardarshan S. Valia, et al.

Title

METHOD FOR PRODUCING BLAST FURNACE COKE THROUGH

Express Mail Label No.

COAL COMPACTION IN  
EL634030285US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages **12**]  
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]

5. Oath or Declaration [Total Pages **3**]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Check for \$710, Assignment, check for \$40,  
Certificate of Mailing

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

27817

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Gerard T. Gallagher			
	BAKER & DANIELS			
Address	205 West Jefferson Boulevard, Suite 250			
City	South Bend	State	IN	Zip Code
Country	USA	Telephone	219-234-4149	Fax
				219-239-1900

Name (Print/Type) Gerard T. Gallagher

Registration No. (Attorney/Agent)

39,679

Signature

Date

May 1, 2001

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Hardarshan S. Valia, et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	ISP0086

**TOTAL AMOUNT OF PAYMENT****\$750.00****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit  
Account  
Number**02-0387 shortages only**Deposit  
Account  
Name**Baker & Daniels**

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status  
See 37 CFR § 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1) \$710.00****2. EXTRA CLAIM FEES**

Extra Claims		Fee from below	Fee Paid
Total Claims	12 -20** = 0	X	0.00
Independent Claims	3 -3** = 0	X	0.00
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$0.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**


Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non - English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR § 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$40.00****SUBMITTED BY**

Name (Print/Type)	Gerard T. Gallagher	Registration No. (Attorney/Agent)	39,679	Complete (if applicable)	
Signature		Telephone	219-234-4149	Date	May 1, 2001

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Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# BAKER & DANIELS

EST. 1863

FIRST BANK BUILDING · 205 W. JEFFERSON BOULEVARD, SUITE 250 · SOUTH BEND, INDIANA 46601 · (219) 234-4149 · FAX (219) 239-1900 · www.bakerdaniels.com

GERARD T. GALLAGHER

DIRECT (219) 239-1921

e-mail: gtgallag@bakerd.com

INDIANAPOLIS

FORT WAYNE

SOUTH BEND

ELKHART

WASHINGTON, D.C.

QINGDAO, P.R. CHINA

May 1, 2001

VIA EXPRESS MAIL NO. EL634030285US

BOX PATENT APPLICATION

Assistant Commissioner for Patents

Washington, DC 20231-0001

Re: U.S. Patent Application  
For: METHOD FOR PRODUCING BLAST FURNACE COKE  
THROUGH COAL COMPACTION IN A NON-RECOVERY  
OR HEAT RECOVERY TYPE OVEN  
Our Reference: ISP0086 (26041.50057)

Dear Sir:

Enclosed for filing are the following:

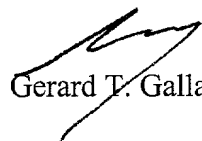
1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2001;
3. Application Data Sheet;
4. Specification (12 pages);
5. Informal drawings (4 sheets);
6. Executed Declaration and Power of Attorney for Patent Application;
7. Request and Certification Under 35 U.S.C. § 122(b)(2)(B)(i);
8. Patent Recordation Form Cover Sheet together with Assignment;
9. Check in the amount of \$710.00 representing the filing fee;
10. Check in the amount of \$40.00 representing the assignment recordation fee;
11. Certificate of Mailing via Express Mail No. EL634030285US.

May 1, 2001

Please confirm receipt by date-stamping the enclosed postcard and returning same to our offices. If there is any shortage in the fees, please charge them to Baker & Daniels' Deposit Account No. 02-0387(26041.50057).

Respectfully submitted,

BAKER & DANIELS

  
Gerard T. Gallagher

GTG:rac

Enclosures

cc: Hardarshan S. Valia, Ph.D.

004589-050101  
TODD-628480

CERTIFICATE OF MAILING

The undersigned hereby certifies that the following have been served upon the Honorable Commissioner of Patents & Trademarks by depositing the same in the United States mail, via Express Mail No. EL634030285US this 1st day of May, 2001.

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2001;
3. Application Data Sheet;
4. Specification (12 pages);
5. Informal drawings (4 sheets);
6. Executed Declaration and Power of Attorney for Patent Application;
7. Request and Certification Under 35 U.S.C. § 122(b)(2)(B)(i);
8. Patent Recordation Form Cover Sheet together with Assignment;
9. Check in the amount of \$710.00 representing the filing fee;
10. Check in the amount of \$40.00 representing the assignment recordation fee.

Beth Ingle

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Hardarshal S. Valia, et al.
	Title	METHOD FOR PRODUCING BLAST FURNACE COKE	
	Atty Docket Number		ISP0086

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

May 1, 2001

Date



Signature

Gerard T. Gallagher

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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